**Project 6** Evaluation RUBRIC

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| **Program** | **Description** | **Points** |
| **Documentation** | Main Comment Block contains: (author (1) and program description (1)). | 2 |
| Comments have been added to each group of logically related statements, and **above each user defined function to describe what the function does** | 3 |
| **Style** | Variable:   * Meaningful variable names are used unless specified by the program description (1) * No global variable is used (1)   Function   * Meaningful function names are used (1) * In the client program, function prototypes declared above the main function and function definitions written after the main function (2) | 5 |
| Indentation and white spaces are used to make the program easier to read.   * All the decision statements are indented properly. * All the repetition statements (loops) are indented properly * Body of the functions are indented properly * Blank lines are used in front of each block of logically related statements | 4 |
| Array and vector size should be declared as a constant. | 1 |
|  | Program compiles without errors. | 5 |
|  | Program executes without crashing. | 5 |
| **Correctness** | Program solves the assigned problem using recursion described in project description.  Problem 1: 2 points  Problem 2: 2 points  Problem 3: 3 points  Problem 4: 3 points | 10 |
| Program produces the correct output in table format as shown in the example program output.  Problem 1: 10 points  Problem 2: 10 points  Problem 3: 20 points  Problem 4: 25 points | 65 |
| **TOTAL** |  | 100 |